

## Traffic Safety Facts, Kansas , 2005



This Report Contains Data From the Following Sources:  
Fatality Data - NCSA Fatality Analysis Reporting System (FARS)  
Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS)  
Vehicle Miles of Travel Data - Federal Highway Administration (FHWA)  
Population Data - U.S. Bureau of the Census

**Traffic Safety Facts, Kansas , 2005**

## Fatality Rates: Kansas , U.S. and Best State, 2005

| 2005               | Fatalities | Fatality Rate per 100M VMT | Fatality Rate per 100K Population |
|--------------------|------------|----------------------------|-----------------------------------|
| <b>Kansas</b>      | 428        | 1.44                       | 15.59                             |
| <b>US</b>          | 43,443     | 1.45                       | 14.66                             |
| <b>Best State*</b> |            | 0.80                       | 6.91                              |

\*Best Rates: Lowest Rates Attained Across All States

2005 Vehicle Miles Traveled (VMT) Data is Currently Not Available

Fatalities in Motor Vehicle Traffic Crashes  
Vehicle Miles Traveled (VMT) and Population  
2001 - 2005

| Crash Year  | Total Fatalities | VMT (Millions) | Total Alcohol Related Fatalities (BAC=.01+) |         | Fatalities Where the Highest BAC in the Crash Was .08+ |         | Unrestrained* Passenger Vehicle Fatalities |         |
|-------------|------------------|----------------|---|---------|--|---------|--|---------|
|             |                  |                | Number                                      | Percent | Number   | Percent | Number                                     | Percent |
| <b>2001</b> | 494              | 28,155         | 193   | 39      | 167  | 34      | 308  | 74      |
| <b>2002</b> | 507              | 28,443         | 227   | 45      | 200  | 39      | 301  | 70      |
| <b>2003</b> | 469              | 28,672         | 199   | 42      | 172  | 37      | 267  | 68      |
| <b>2004</b> | 459              | 29,150         | 139   | 30      | 115  | 25      | 242  | 62      |
| <b>2005</b> | 428              | 29,621         | 151   | 35      | 122  | 28      | 230  | 67      |

| Crash Year  | Motorcyclist Fatalities | Speeding Related Fatalities | 16-20 Year Old Fatalities | Total Population | 16-20 Year Old Population |
|-------------|-------------------------|-----------------------------|---------------------------|------------------|---------------------------|
| <b>2001</b> | 25                      | 150                         | 93                        | 2,700,879        | 210,841                   |
| <b>2002</b> | 33                      | 297                         | 97                        | 2,712,454        | 209,427                   |
| <b>2003</b> | 31                      | 144                         | 79                        | 2,724,224        | 208,087                   |
| <b>2004</b> | 30                      | 123                         | 67                        | 2,733,697        | 206,017                   |
| <b>2005</b> | 35                      | 119                         | 57                        | 2,744,687        | 204,933                   |

\*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use



U.S. Department of Transportation



National Highway Traffic Safety Administration  
National Center for Statistics and Analysis

## Traffic Safety Facts, Kansas , 2005

Trend of Fatalities, 2001 - 2005

|                 |   | 2001 | 2002 | 2003 | 2004 | 2005 |
|-----------------|---|------|------|------|------|------|
| Fatality Counts | Total Fatalities                                    | 494  | 507  | 469  | 459  | 428  |
|                 | Alcohol-Related                                     | 193  | 227  | 199  | 139  | 151  |
|                 | Single Vehicle                                      | 266  | 251  | 245  | 217  | 219  |
|                 | Non-Junction  | 351  | 366  | 351  | 315  | 289  |
|                 | Intersection  | 112  | 96   | 84   | 106  | 105  |
|                 | Intersection-Related                                | 7    | 10   | 15   | 23   | 15   |
|                 | Speeding Involved                                   | 150  | 297  | 144  | 123  | 119  |
|                 | Pedestrians   | 24   | 23   | 25   | 21   | 24   |
|                 | Pedalcyclists                                       | 2    | 5    | 5    | 3    | 4    |
|                 | Large Truck Involved                                | 80   | 79   | 71   | 94   | 80   |
|                 | Roadway Departure                                   | 281  | 279  | 294  | 238  | 242  |
|                 | Passenger Car Occupants                             | 252  | 254  | 218  | 200  | 168  |
|                 | Light Truck/Van Occupants                           | 165  | 176  | 174  | 188  | 174  |
|                 | Other/Unknown Occupants (not including Motorcycles) | 23   | 14   | 16   | 17   | 22   |
|                 | Total Occupants (not including Motorcycles)         | 440  | 444  | 408  | 405  | 364  |
|                 | Motorcycle Riders                                   | 25   | 33   | 31   | 30   | 35   |

**Traffic Safety Facts, Kansas , 2005****Economic Impact of Motor Vehicle Traffic Crashes, 2000**

|               | <b>Overall</b>    | <b>In Speeding-Related Crashes</b> |
|---------------|-------------------|------------------------------------|
| <b>Kansas</b> | \$1.884 Billion   | \$0.345 Billion                    |
| <b>U.S.A</b>  | \$230.568 Billion | \$40.390 Billion                   |

2000 is the Most Recent Year for Which Data is Available

**Available Highway Safety Program Funds**

|   | <b>FY 2005</b> |
|---|----------------|
| <b>Section 157 Safety Belt Use Incentive</b>  | \$93,988       |
| <b>Section 157 Safety Belt Use Innovative</b> | \$275,000      |
| <b>Section 163 .08 BAC</b>                    | \$1,113,206    |
| <b>Section 163 SES Enforcement</b>            | \$0            |
| <b>Section 164 Repeat Offender Transfer</b>   | \$0            |
| <b>Section 402 Formula</b>                    | \$2,302,137    |
| <b>Section 405 Occupant Protection</b>        | \$0            |
| <b>Section 410 Impaired Driving</b>           | \$0            |
| <b>Section 154 Open Container Transfer</b>    | \$0            |
| <b>Total</b>                                  | \$3,784,331    |

**Fatalities in Alcohol Related Crashes, 2005**

| <b>2005</b>        | <b>Alcohol-Related (Number)</b> | <b>Alcohol-Related (%)</b> | <b>Rate per 100M VMT</b> | <b>Fatalities where Highest BAC in Crash was .08+</b> | <b>Percentage where Highest BAC in Crash was .08+</b> |
|--------------------|---------------------------------|----------------------------|--------------------------|---|---|
| <b>Kansas</b>      | 151                             | 35%                        | 0.51                     | 122   | 28%   |
| <b>US</b>          | 16,885                          | 39%                        | 0.56                     | 14,539  | 33%   |
| <b>Best State*</b> |                                 | 13%                        | 0.15                     |   | 12%   |

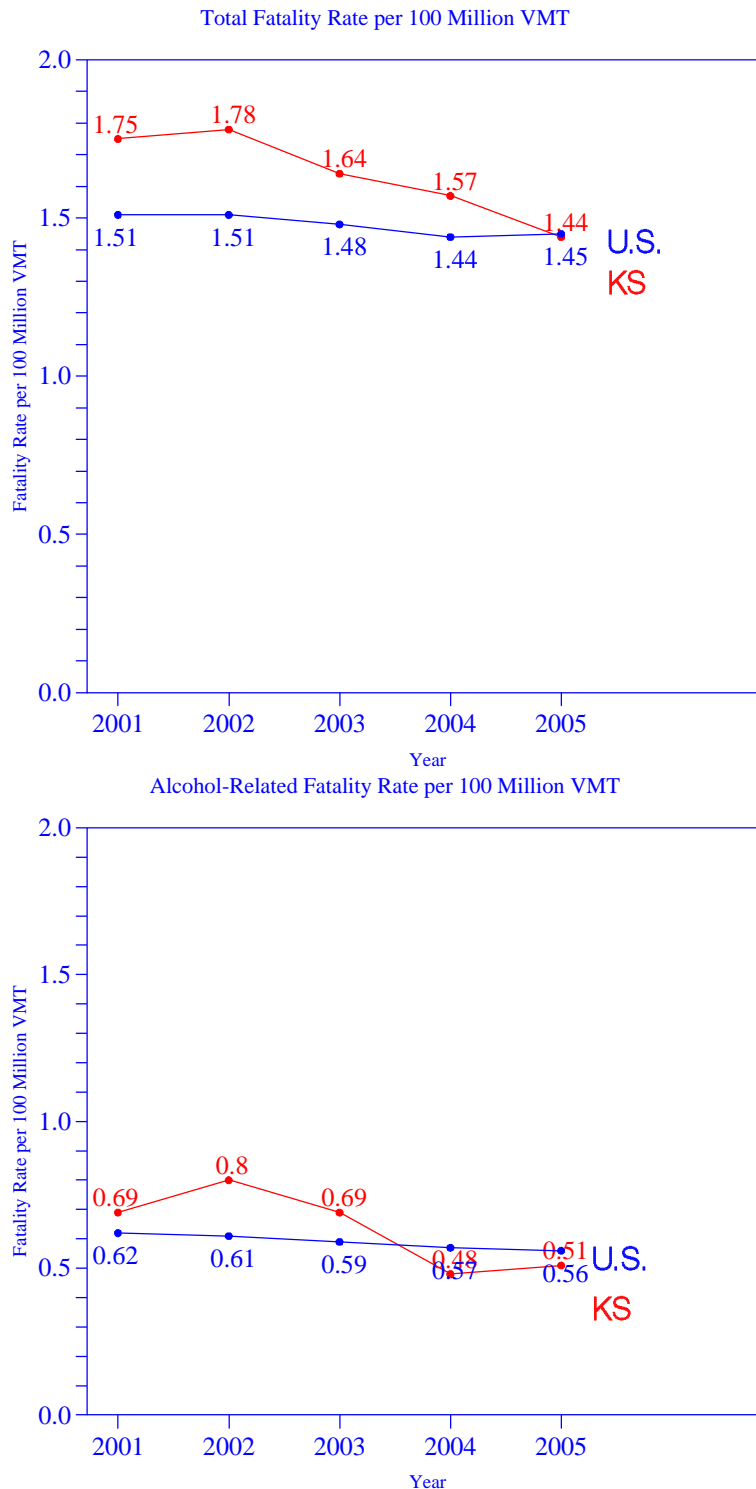
\*State with Lowest Alcohol-Related Fatality Rate.

2005 Vehicle Miles Traveled (VMT) Data is Currently Not Available



## Traffic Safety Facts, Kansas , 2005

### Trend Charts of Total and Alcohol-Related Fatality Rates per 100 Million VMT

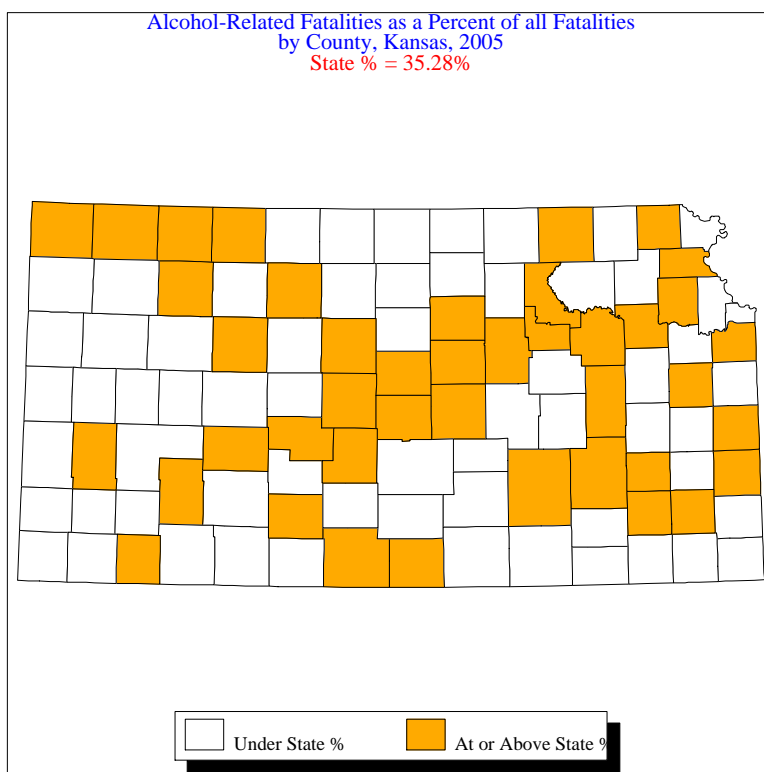
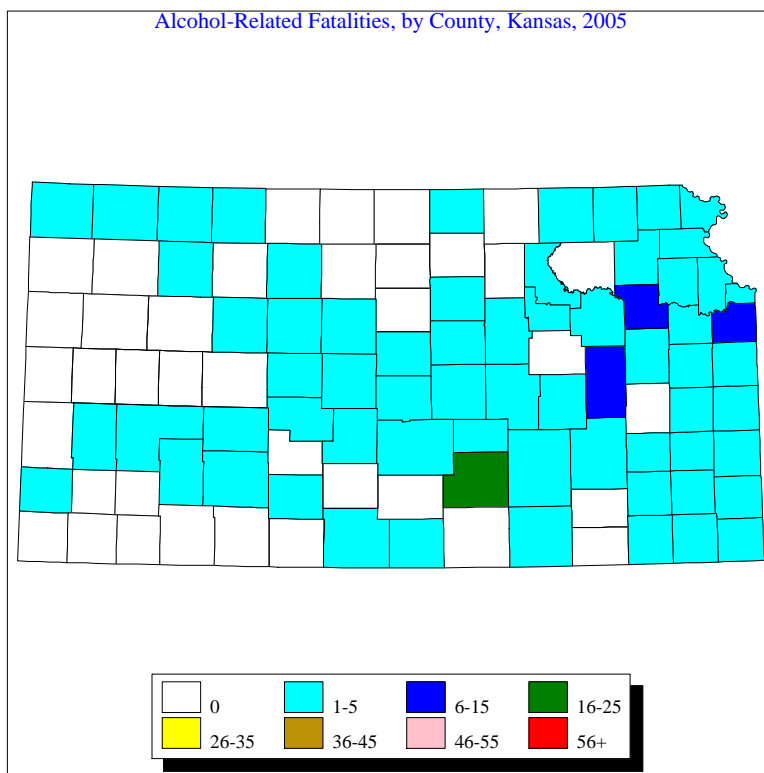


2005 Vehicle Miles Traveled (VMT) Data is Currently Not Available



## Traffic Safety Facts, Kansas , 2005

### State-County Maps of Alcohol-Related Fatalities



**Traffic Safety Facts, Kansas , 2005****Top 10 Counties for Fatalities/Fatality Rates****Rank by Number of Fatalities**

| Rank | County         | Fatalities | Rate per 100,000 Population |
|------|----------------|------------|-----------------------------|
| 1    | Sedgwick       | 55         | 11.80                       |
| 2    | Johnson County | 21         | 4.15                        |
| 3    | Reno County    | 16         | 25.17                       |
| 4    | Leavenworth    | 14         | 19.15                       |
| 5    | Wyandotte      | 14         | 8.99                        |
| 6    | Finney County  | 12         | 30.78                       |
| 7    | Butler County  | 11         | 17.64                       |
| 8    | Crawford       | 11         | 28.78                       |
| 9    | Lyon County    | 11         | 30.89                       |
| 10   | Montgomery     | 11         | 31.82                       |

**Rank by Rate of Fatalities**

Median Rate for all U.S. Counties : 23.23

| Rank | County        | Fatalities | Rate per 100,000 Population |
|------|---------------|------------|-----------------------------|
| 1    | Stanton       | 3          | 133.63                      |
| 2    | Wallace       | 2          | 127.15                      |
| 3    | Gray County   | 6          | 102.37                      |
| 4    | Harper County | 6          | 98.67                       |
| 5    | Rush County   | 3          | 88.08                       |
| 6    | Clark County  | 2          | 87.60                       |
| 7    | Barber County | 4          | 80.68                       |
| 8    | Rawlins       | 2          | 74.85                       |
| 9    | Wabaunsee     | 5          | 72.26                       |
| 10   | Wilson County | 7          | 71.18                       |

**Top 10 Counties for Alcohol-Related Fatalities/Fatality Rates****Rank by Number of Alcohol-Related Fatalities**

| Rank | County         | Fatalities | Rate per 100,000 Population |
|------|----------------|------------|-----------------------------|
| 1    | Sedgwick       | 19         | 4.08                        |
| 2    | Johnson County | 9          | 1.78                        |
| 3    | Shawnee County | 6          | 3.48                        |
| 4    | Lyon County    | 6          | 16.85                       |
| 5    | Reno County    | 5          | 7.87                        |
| 6    | Butler County  | 5          | 8.02                        |
| 7    | Geary County   | 4          | 16.27                       |
| 8    | Crawford       | 4          | 10.47                       |
| 9    | Wyandotte      | 4          | 2.57                        |
| 10   | Montgomery     | 3          | 8.68                        |

**Rank by Rate of Alcohol-Related Fatalities**

Median Rate for all U.S. Counties : 7.615

| Rank | County        | Fatalities | Rate per 100,000 Population |
|------|---------------|------------|-----------------------------|
| 1    | Barber County | 3          | 60.51                       |
| 2    | Norton County | 3          | 52.97                       |
| 3    | Gray County   | 3          | 51.19                       |
| 4    | Hodgeman      | 1          | 47.39                       |
| 5    | Stanton       | 1          | 44.54                       |
| 6    | Kearny County | 2          | 44.29                       |
| 7    | Wabaunsee     | 3          | 43.36                       |
| 8    | Sheridan      | 1          | 38.60                       |
| 9    | Rawlins       | 1          | 37.43                       |
| 10   | Cheyenne      | 1          | 33.94                       |



U.S. Department of Transportation



National Highway Traffic Safety Administration  
National Center for Statistics and Analysis

## Traffic Safety Facts, Kansas , 2005

### Top 10 Counties for Motorcyclist Fatalities/Fatality Rates

#### Rank by Number of Motorcyclist Fatalities

| Rank | County         | Fatalities | Rate per 100,000 Population |
|------|----------------|------------|-----------------------------|
| 1    | Sedgwick       | 4          | 0.86                        |
| 2    | Leavenworth    | 3          | 4.10                        |
| 3    | Labette County | 2          | 9.02                        |
| 4    | McPherson      | 2          | 6.77                        |
| 5    | Nemaha County  | 2          | 19.15                       |
| 6    | Thomas County  | 2          | 26.18                       |
| 7    | Wyandotte      | 2          | 1.28                        |
| 8    | Allen County   | 1          | 7.25                        |
| 9    | Butler County  | 1          | 1.60                        |
| 10   | Cherokee       | 1          | 4.64                        |

#### Rank by Rate of Motorcyclist Fatalities Median Rate for all U.S. Counties : 2.85

| Rank | County        | Fatalities | Rate per 100,000 Population |
|------|---------------|------------|-----------------------------|
| 1    | Thomas        | 2          | 26.18                       |
| 2    | Stafford      | 1          | 22.28                       |
| 3    | Nemaha        | 2          | 19.15                       |
| 4    | Rooks County  | 1          | 18.69                       |
| 5    | Wilson County | 1          | 10.17                       |
| 6    | Labette       | 2          | 9.02                        |
| 7    | Jackson       | 1          | 7.39                        |
| 8    | Allen County  | 1          | 7.25                        |
| 9    | McPherson     | 2          | 6.77                        |
| 10   | Osage County  | 1          | 5.83                        |

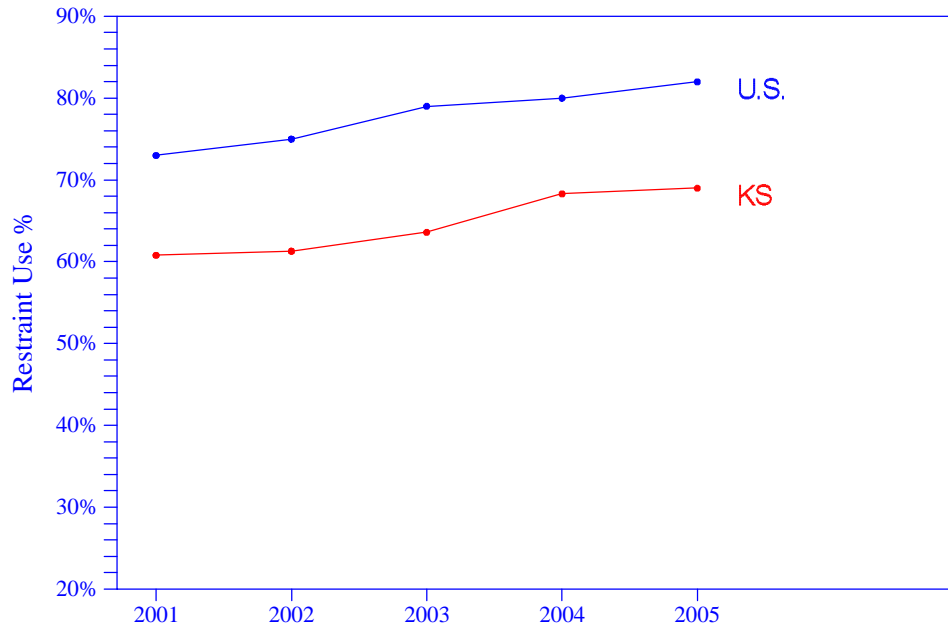




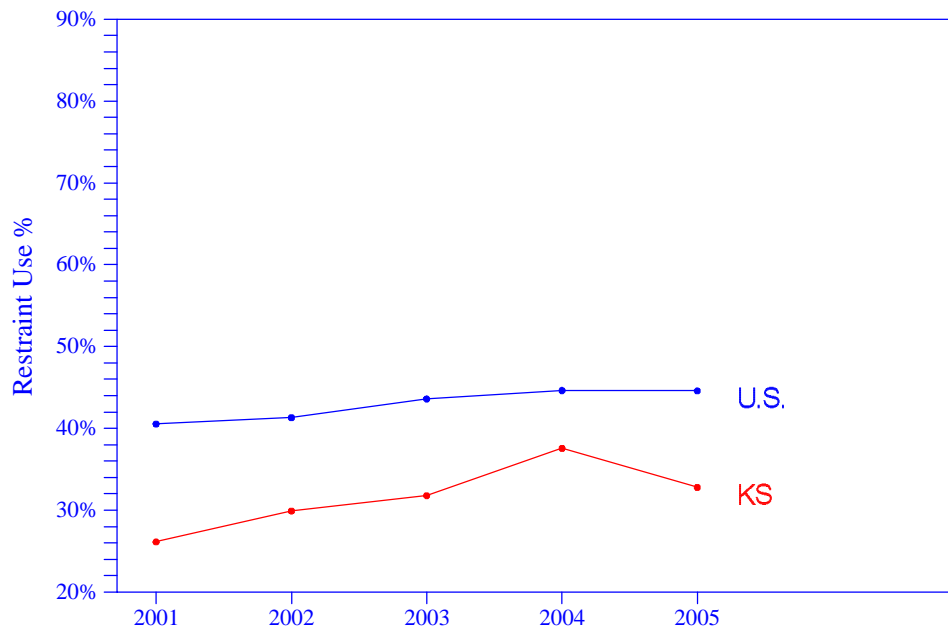
## Traffic Safety Facts, Kansas , 2005

### Trends of Restraint Use: Observed and Among Fatally Injured Passenger Vehicle Occupants

Observed Restraint Use Percent: Kansas and U.S.



Percent Restraint Use Among Fatally Injured Passenger Vehicle Occupants: Kansas and U.S.



**Traffic Safety Facts, Kansas , 2005****Percent Belt-Use Rates Observed Overall and Among Fatally Injured Passenger Vehicle Occupants**

|                    | 2005                       |   |
|--------------------|----------------------------|---|
|                    | Observed Restraint Use %** | Passenger Vehicle Occupant Fatality Restraint Use % |
| <b>Kansas</b>      | 69%                        | 33%   |
| <b>USA</b>         | 82%                        | 45%   |
| <b>Best State*</b> | 95%                        | 68%   |

\*Best Rate: Lowest Rate Attained Across All States

\*\*NCSA National Occupant Protection Use Survey (NOPUS), Kansas (State Survey)

**Restraint Use Among Fatally Injured Passenger Vehicle Occupants (aged 5 and above)**

| Restraint Use (Safety Belts & Child Seats) | Total | Restrained | Unrestrained | Unknown | Current Lives Saved | Additional Savable at 100% |
|--|-------|------------|--------------|---------|---------------------|----------------------------|
| <b>Kansas</b>                              | 339   | 101        | 210          | 28      | 136                 | 94                         |

**Restraint Use Among Fatally Injured Passenger Vehicle Occupants (aged under 5)**

| Child Restraints (Includes Child Seats and Belts) | Total | Restrained | Unrestrained | Unknown | Current Lives Saved | Additional Savable at 100% |
|---|-------|------------|--------------|---------|---------------------|----------------------------|
| <b>Kansas</b>                                     | 3     | 2          | 1            | 0       | 1                   | 1                          |

**Helmet Use Among Fatally Injured Motorcycle Riders**

|               | Total | Helmeted | Unhelmeted | Unknown | Current Lives Saved | Additional Savable at 100% |
|---------------|-------|----------|------------|---------|---------------------|----------------------------|
| <b>Kansas</b> | 35    | 7        | 24         | 4       | 5                   | 10                         |

2005 Lives Saved Data is Currently Not Available

**Traffic Safety Facts, Kansas , 2005****Speeding-Related Fatalities**

| <b>2005</b>        | <b>Number of Fatalities in Speeding-Related Crashes</b> | <b>Percent of Fatalities That Are Speeding-Related</b> |
|--------------------|---|--|
| <b>Kansas</b>      | 119   | 28%  |
| <b>US</b>          | 13,113  | 30%  |
| <b>Best State*</b> |   | 7%   |

\*Best Rate: Lowest Rate Attained Across All States

**Other Statistics of Interest**

|   | <b>Fatalities in Kansas</b> | <b>Percent of Total Fatalities in Kansas</b> | <b>Fatalities in US</b> | <b>Percent of Total Fatalities in US</b> |
|---|-----------------------------|--|-------------------------|--|
| <b>Intersection Fatalities</b>                      | 105                         | 25%  | 7,796                   | 18%                                      |
| <b>Pedestrian Fatalities</b>                        | 24                          | 6%   | 4,881                   | 11%                                      |
| <b>Pedalcyclists</b>                                | 4                           | 1%   | 784                     | 2%                                       |
| <b>Fatalities in Crashes Involving Large Trucks</b> | 80                          | 19%  | 5,212                   | 12%                                      |
| <b>Roadway Departure Fatalities*</b>                | 242                         | 57%  | 25,397                  | 58%                                      |
| <b>Passenger Cars</b>                               | 168                         | 39%  | 18,440                  | 42%                                      |
| <b>Light Trucks and Vans</b>                        | 174                         | 41%  | 12,975                  | 30%                                      |
| <b>Other/Unknown**</b>                              | 22                          | 5%   | 1,626                   | 4%                                       |
| <b>Total Vehicle Occupants</b>                      | 364                         | 85%  | 33,041                  | 76%                                      |
| <b>Motorcycle Riders</b>                            | 35                          | 8%   | 4,553                   | 10%                                      |
| <b>Total Nonoccupants***</b>                        | 29                          | 7%   | 5,849                   | 13%                                      |
| <b>Total Fatalities</b>                             | 428                         |  | 43,443                  |  |

\*Fatalities based on FHWA Definition

\*\*Includes Occupants of Large Trucks, Buses and Unknown Vehicle Types

\*\*\*Includes Pedestrians, Pedalcyclists and Other Non-Motorists



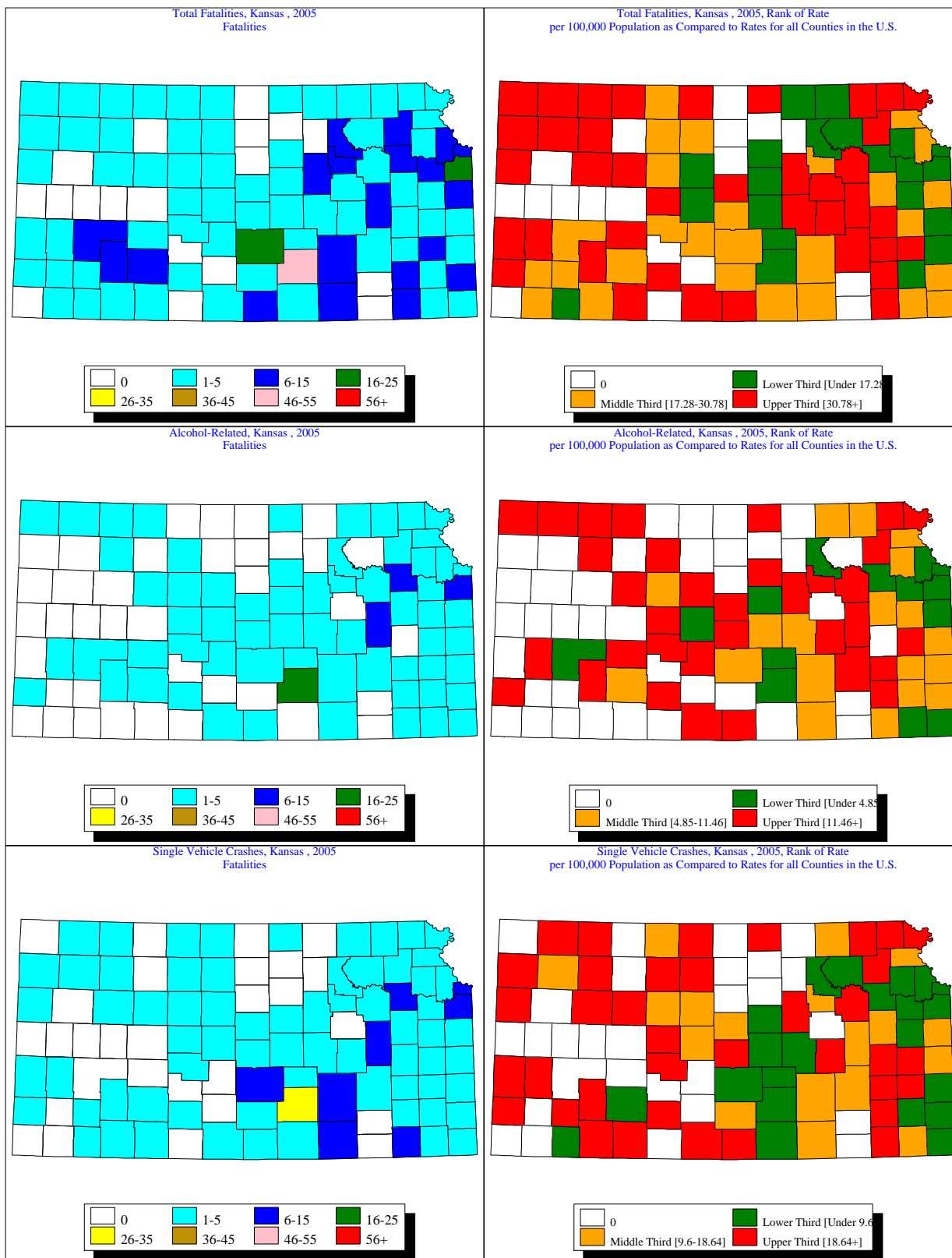
U.S. Department of Transportation



National Highway Traffic Safety Administration  
National Center for Statistics and Analysis

## Traffic Safety Facts, Kansas , 2005

### Assorted State-County Maps





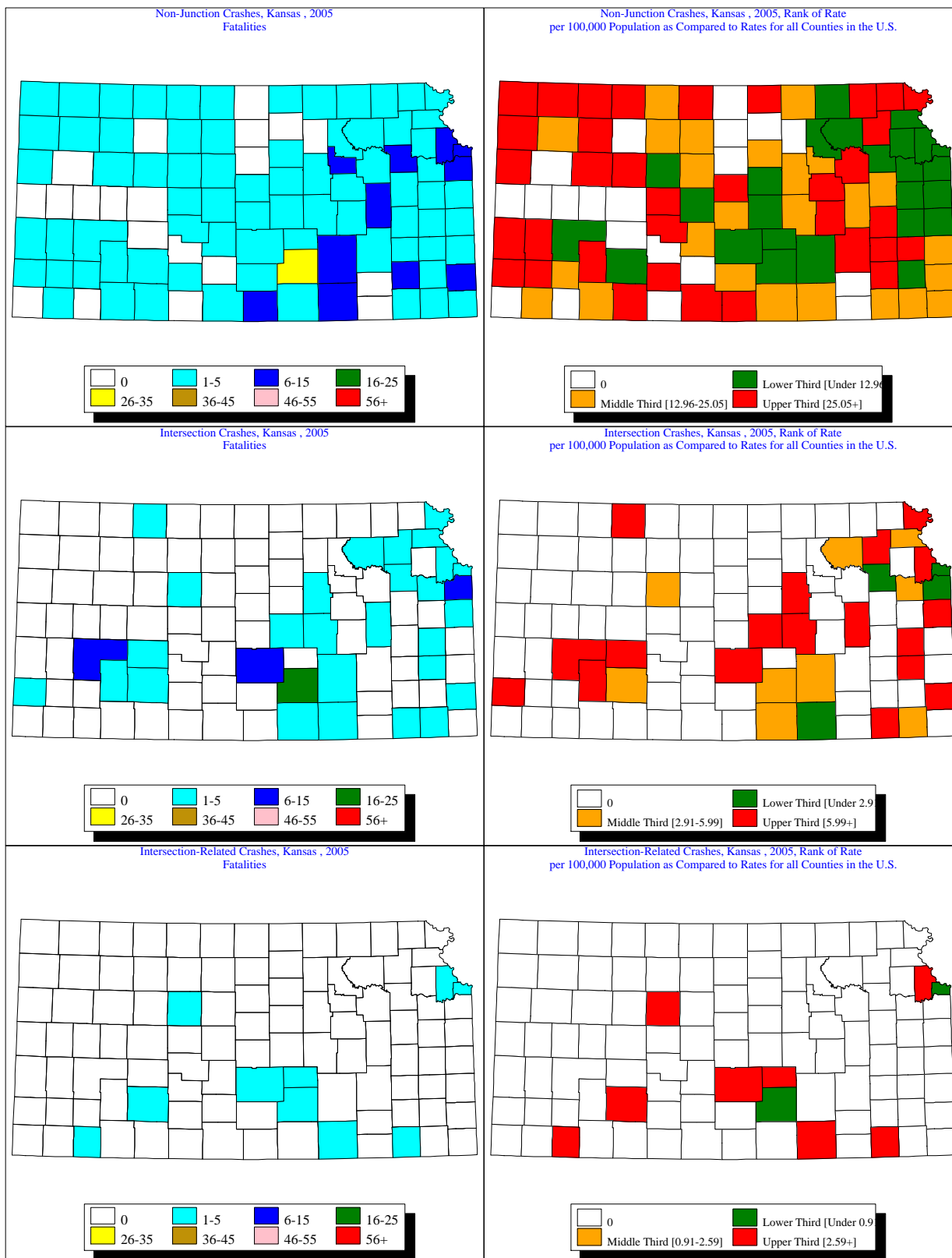
U.S. Department of Transportation



National Highway Traffic Safety Administration  
National Center for Statistics and Analysis

## Traffic Safety Facts, Kansas , 2005

### Assorted State-County Maps





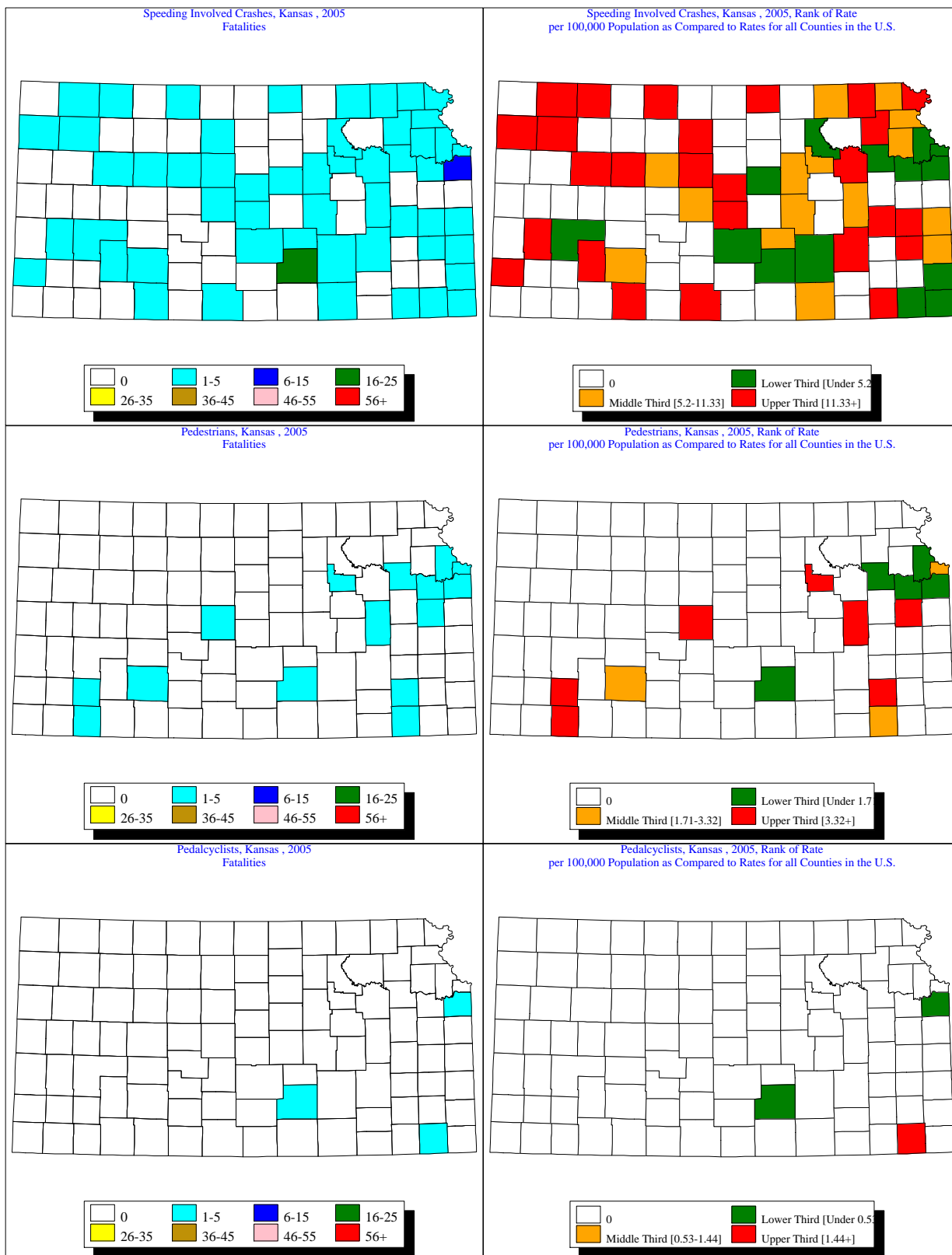
U.S. Department of Transportation



National Highway Traffic Safety Administration  
National Center for Statistics and Analysis

## Traffic Safety Facts, Kansas , 2005

### Assorted State-County Maps





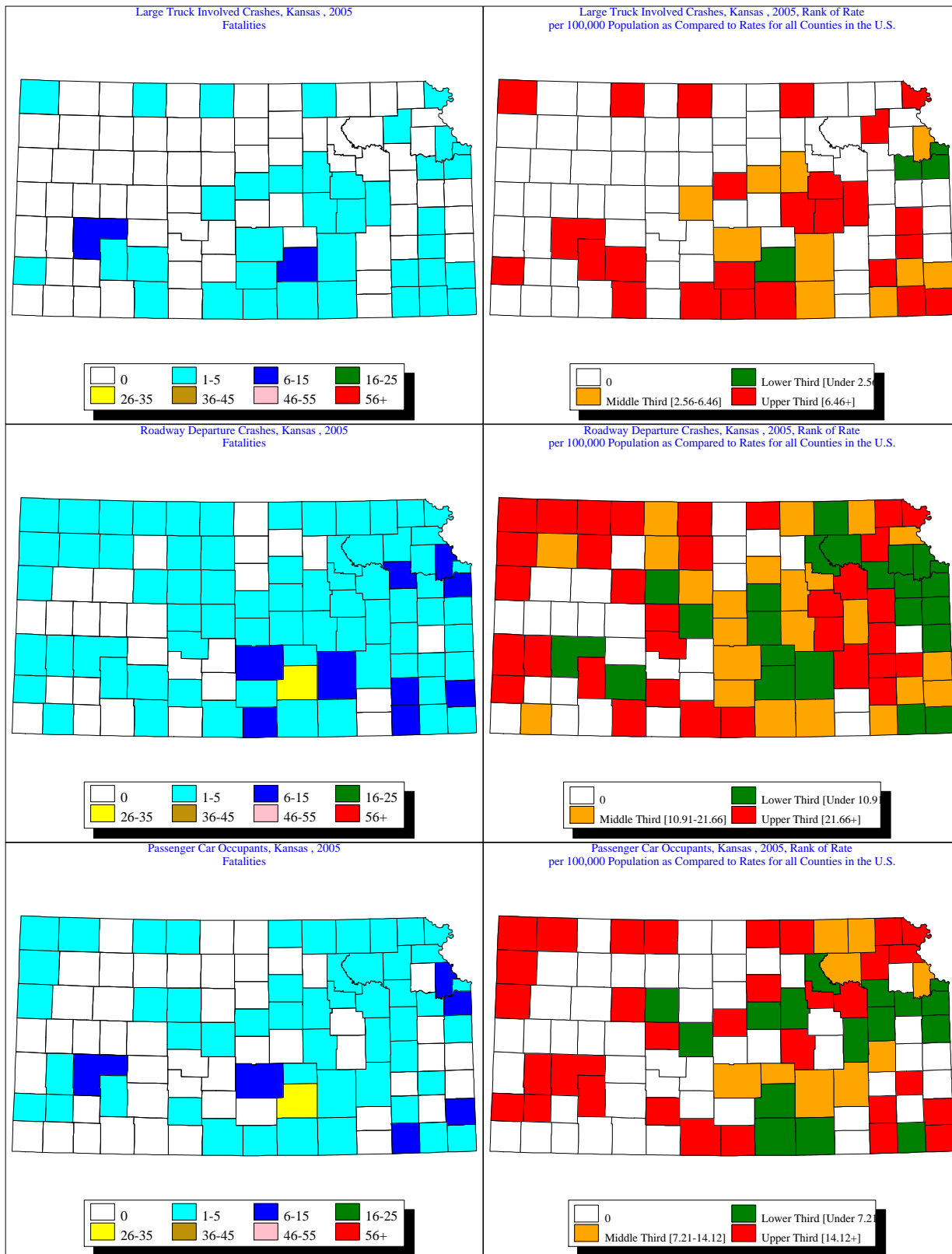
U.S. Department of Transportation



National Highway Traffic Safety Administration  
National Center for Statistics and Analysis

## Traffic Safety Facts, Kansas , 2005

### Assorted State-County Maps





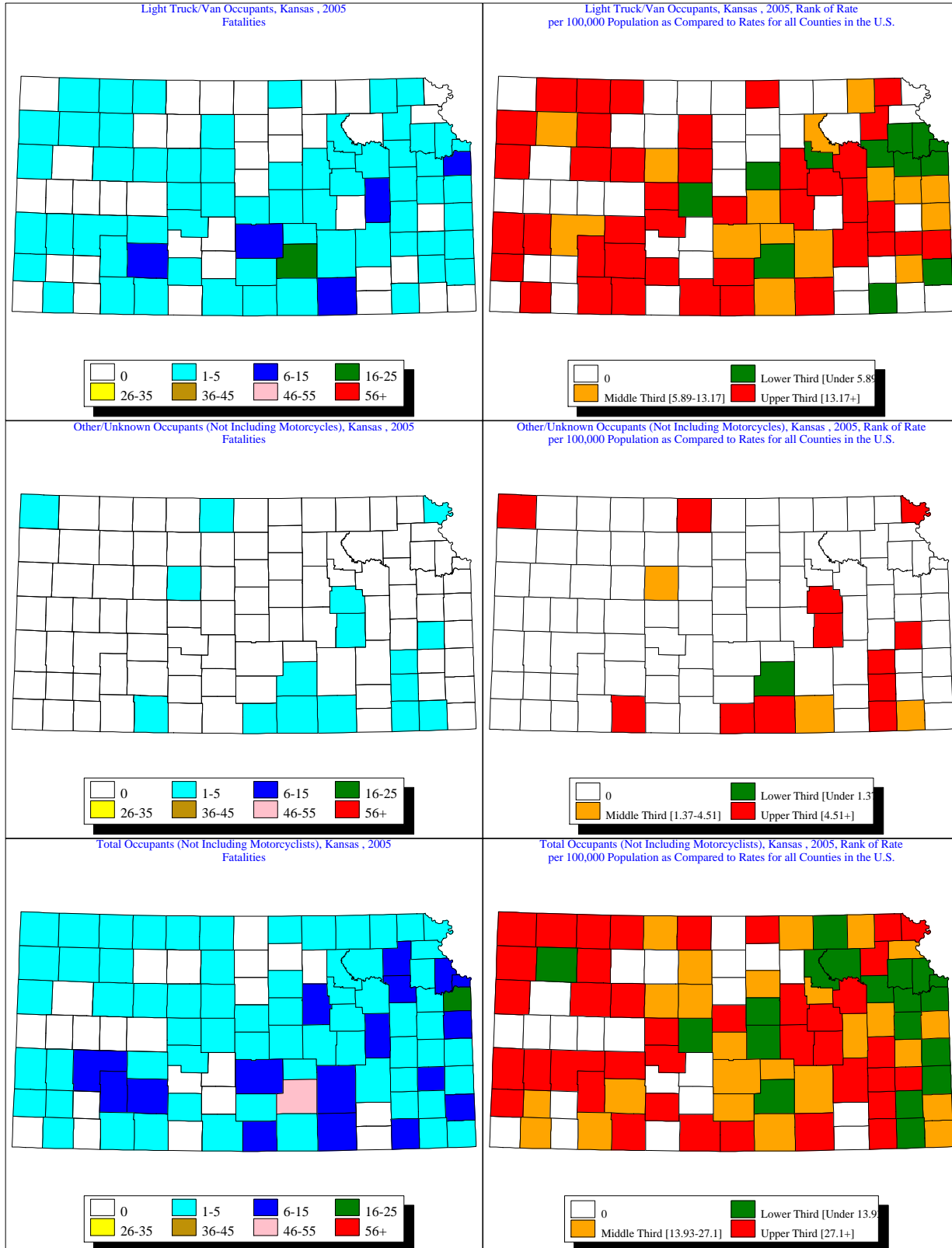
U.S. Department of Transportation



National Highway Traffic Safety Administration  
National Center for Statistics and Analysis

## Traffic Safety Facts, Kansas , 2005

### Assorted State-County Maps







U.S. Department of Transportation



National Highway Traffic Safety Administration  
National Center for Statistics and Analysis

## Traffic Safety Facts, Kansas , 2005

### Assorted State-County Maps

